

What is claimed is:

1. An integrated cabinet for supporting electronic equipment, comprising:
 - means for supporting electronic assemblies disposed inside the cabinet;
 - a cooling system including an air flow path extending within the cabinet, and a heat exchanger disposed within the air flow path for transferring heat from air passing through the air flow path to a liquid cooling medium passing through the heat exchanger;
 - a fire detecting system, for detecting at least one of heat and smoke, operatively connected to the cabinet for providing a signal upon detecting heat or smoke;
 - a fire suppression system operatively connected to the fire detecting system, for discharging fire suppressant into the cabinet in response to a signal being provided by the fire detecting system;
 - an uninterruptible power supply system for powering the electronic equipment supported within the cabinet; and
 - a remote monitoring system having at least one sensor disposed within the cabinet and a monitoring station disposed remote to the cabinet, the remote monitoring station being operatively connected to the at least one sensor, and being adapted for receiving signals from the at least one sensor.
2. An integrated cabinet for supporting electronic equipment according to claim 1, wherein the sensor of the remote monitoring system comprises a temperature sensor.

3. An integrated cabinet for supporting electronic equipment according to claim 2, wherein the remote monitoring system is operatively connected to the cooling system, the remote monitoring system being adapted to control the cooling system to adjust the temperature inside the cabinet responsive to the temperature sensor.

4. An integrated cabinet for supporting electronic equipment according to claim 1, wherein the sensor of the remote monitoring system comprises a humidity sensor, the remote monitoring system being adapted to display signals indicative of the humidity inside the cabinet.

5. An integrated cabinet for supporting electronic equipment according to claim 4 further comprising a humidity control system disposed within the cabinet and being operatively connected to the remote monitoring system, the remote monitoring system adapted to control the humidity control system to adjust the humidity inside the cabinet responsive to the humidity sensor.

6. An integrated cabinet for supporting electronic equipment according to claim 1 further comprising at least one sensor disposed within the cabinet for detecting intrusion of the cabinet.

7. An integrated cabinet for supporting electronic equipment according to claim 1, wherein the liquid cooling medium is water.

8. An integrated cabinet for supporting electronic equipment according to claim 1, wherein the liquid cooling medium is refrigerant fluid.

9. An integrated cabinet for supporting electronic equipment according to claim 1 further comprising power quality management system for managing the power supply of the electronic equipment supported by the cabinet.

10. An integrated cabinet for supporting electronic equipment according to claim 1, wherein the cabinet is characterized by a seismic resistance structure.

11. An integrated cabinet for supporting electronic equipment according to claim 1 further comprising an EMC/RFI/EMI containment and filter system disposed within the cabinet.

12. An integrated cabinet for supporting electronic equipment according to claim 1 further comprising a remote control system operatively coupled to the cabinet for controlling at least one predetermined type of parameter of an interior environment within the cabinet.

13. An integrated cabinet for supporting electronic equipment according to claim 12, wherein the at least one predetermined type of parameter comprises temperature and/or humidity.

14. An integrated cabinet for supporting electronic equipment according to claim 1, wherein the fire suppressant of the fire suppression system comprises an inert gas.

15. An integrated cabinet for supporting electronic equipment according to claim 1 further comprising a remote data management system for managing the electronic equipment contained within the cabinet.

16. An integrated cabinet for supporting electronic equipment according to claim 1 further comprising a control panel operatively connected to the fire detection system and mounted on the cabinet, for providing an alarm in response to a signal being provided by the fire detecting system.

17. An integrated cabinet for supporting electronic equipment according to claim 1 further comprising an acoustic noise control system disposed within the cabinet.

18. An integrated cabinet for supporting electronic equipment according to claim 1, wherein the fire detecting system comprises a photoelectric detector.

19. An integrated cabinet for supporting electronic equipment according to claim 1, wherein the fire detecting system comprises an ionization detector.

20. An electronic equipment system comprising a plurality of connected cabinets of claim 1.